

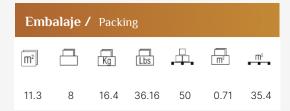


187277 CALMA

12mm 29,5x30 cm./11.6x11.8in. • D659

Información Técnica / Technical Information

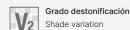
Icono Prueba Norma Resultado





C = CONSULTAR / CONSULT

Características





Satinado Satin finish



Textura irregular Irregular texture

lcono embalaje



Pieza/m2



Cajas/pallet Boxes/pallet



Piezas/caja Pieces/box



M2/caja sqm/box



Kg/caja Kg/box



M2/pallet Sqm/pallet



Libras/caja Lbs/box

lconos usos



Outdoor walls Outdoor walls



Commercial flooring



Commercial flooring



Swimming pool. Wall and floor (depth>1,5m) Swimming pool. Wall and floor (depth>1,5m)

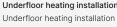


Outdoor floors Outdoor floors





Underfloor heating installation





Shower floor Shower floor

Indoor walls

Indoor walls



Indoor floors Indoor floors



Shower wall Shower wall

Walls high vapor condensation areas Walls high vapor condensation areas

ATTENTION

Carefully follow these instructions to ensure correct installation.

- Installation should be carried out by a qualified professional.
- Before installing ensure that the material is in perfect condition. Make sure you check the colours, finishes and thicknesses because DUNE will not accept any claims or returns of material after it has been installed.
- Before each stage, on one part test all of the materials and tools to be used and evaluate the final finish of the test. Should you fail to achieve the desired results do not continue with the installation, and consult our sales team.
- In public places materials must comply with the slipperiness requirements of the Spanish Technical Building Code.
- This document is purely commercial and may not be used in any legal or administrative proceedings, neither as an expert opinion nor as documentary evidence, unless expressly authorized by DUNE CERÁMICA S.L.

MOSAIC - STONE

1. PROPER PREPARATION OF SURFACE

The wall must be firm, levelled, dry and clean. Uneven surfaces greater than 2 mm must be levelled with specific products. All cracks and imperfections should be repaired, so that the wall is completely smooth. The moisture content of the surface must be under 2%.

2. INSTALLATION MATERIAL

For a correct installation, several factors must be taken into account: Material kind of the wall to be tiled (synthetic pannels, plaster, wood, etc.), wall stability, environmental conditions, kind of surface to be covered, speed of carrying the work, etc. All the above parameters determine the choice of the adhesive kind.

All the adhesive materials recommended by DUNE have been previously tested in our facilities, in controlled environmental conditions and on rigid brick and/or concrete walls. Under different conditions from the above mentioned, it is recommended to test firstly and if in doubt, please contact DUNE or the adhesive distributor.

DUNE always recommends to test first the material with minimum two pieces before placing all the material.

DUNE recommends placing with C1 cement based or C2 cement based adhesive. Do not use fast setting epoxy.

Make sure that the chosen adhesive is apt for the material to be installed.

3. INSTALLATION

We recommend starting the installation from the floor to the ceiling, continue in phase to allow the adhesive the necessary time to get dry. This will avoid vertical displacements. Extend a thin layer of adhesive on to the surface where the piece will be installed (3mm approx.) Then, use a notched trowel no. 3 to make incisions into the adhesive layer. Place the piece while the adhesive is still soft and before a dry layer of film forms on the adhesive surface. Once the piece is placed, press carefully to obtain a correct adhesion and to cover possible areas without adhesive.

Important: make sure that the distance between one sheet and another is the same as the one among the components so that all the joints look alike.

For irregular mosaics, we recommend pulling out some components and relocating them in the joint between two sheets. This will improve the finish of the mosaic.

Before installation, we recommend always sealing the stones with our product SELLADOR ANTIMANCHAS. Wax is not suitable for this product, therefore our CERA LIQUIDA cannot be applied on it.



Important: Check the stones before installation, mix the sheets from different boxes to obtain a more homogeneous tone variation. For a better choice, get 5% additional quantity to the one needed.



As we are dealing with natural materials, shade variation depends on the stone composition, which will be defined by the area of the quarry from which stone are extracted.

Models manufactured with resin components (DUENDE ICE, DUENDE METAL, DUENDE PLATINUM and DUENDE COPPER should not be installed in areas close to a heat source, such as behind radiators, in saunas, near burners, etc.

SHOWER and damp areas: we recommend the use of an insulating layer.

Important: Natural stone products are not suitable for covering swimming pools.

IMPORTANT REMARK

ESTRATOS tends to rusting due to its own nature, so it is mandatory to use a protective product after installation. This protective product must be waterproof, consolidating and avoid filtering.

If rust has already appeared on the surface of ESTRATOS, DUNE recommends to clean pieces thoroughly by applying PHZERO without dilution on the surface of pieces and leave it acting for 20 minutes. After that time, the product must be removed by

scrubbing the pieces with a brown scourer and then deeply cleansed with water. This process can be repeated with a longer time of action if needed. After the cleaning process done, DUNE recommends using a rust stain remover like NORUST on the possible critical areas. Finally, a protective product with waterproof, consolidating and anti filtering properties like SALVATERRAZZA should be applied.

4. GROUTING

Before grouting the pieces, they should be treated with our STAIN RESISTANT SEALER that maintains the original appearance of the stone, or the PROTECTIVE WAX, which enhances the colors and brightness of the stone.

All joints must be perfectly clean and dry and having a minimum depth of 2mm. Use a flat rubber trowel to spread the paste, being sure that the joints are completely covered. Use a wet sponge or neutral PH products – never abrasive products – to wash off immediately the excess of grouting paste from the surface before it dries.

Do not use epoxy grouting pastes

Consult the grouting materials table.

Important: The colour of the grouting paste might change the product's appearance. We recommend to test with some pieces before grouting the entire surface. We recommend light grouting tones for walls and dark tones for floors.

POEME: have a decorative application on its surface, thus we recommend applying the grout with the aid of a flat rubber trowel to avoid scratching. For these pieces it is especially recommended to remove the paste before it dries on the surface of the piece. Once dry, the only option to eliminate the excess of grouting paste is using abrasive products that will damage the surface.

References with resin protection (DUENDE ICE, DUENDE METAL, DUENDE PLATINUM and DUENDE COPPER) cannot be cleaned with specific epoxy resin cleaners.

5. CLEANING AND MAINTENANCE

For everyday cleaning, use regular pH neutral cleaners. Do not use abrasive products.

To facilitate cleaning it is recommended to periodically apply STAIN RESISTANT SEALER or PROTECTIVE WAX

Tabla de adhesivos / Adhesives Table					
	Cemento cola C1	Cemento cola C2	Adhesivo epoxidico		
	C1 concrete glue	C2 concrete glue	Epozi adhesive		
KERAKOLL	ESPECIAL ECO	H 40 ECO FLEX	SUPERFLEX ECO		
MAPEI	TIXOBOND	KERAFLEX MAXI S-1	KERALASTIC T		
	Mortero adhesivo látex				
	Latex adhesive mortar				
LATICRETE	Mortar 211				
	+ Laticrete 4237				

Productos de tratamiento / Tratment products					
	Código	Descripción	Código PHP recomendado		
	Code	Description	Recommended retail price		
CRISTAL GLASS	185463	ANTIGLISS	D787		
PIEDRA STONE	184507	CERA LIQUIDA PROTECTORA LIQUID PROTECTIVE WAX	D945		
	184508	SELLADOR ANTIMANCHAS STAIN-PROF SEALER	D969		

Tabla de pastas de rejuntar / Grouting pastes table				
	Pasta de rejuntar cementosa	Pasta de rejuntar epoxi		
	Cement grouting material	Epoxy grouting material		
KERAKOLL	FUGABELLA ECO PORCELANA	FUGALITE		
MAPEI	KERACOLOR FF	KERAPOXY		
LATICRETE	LATICCRETE serie 1600	-		

